ZS3AW

MAX-PLANCK-INSTITUT FÜR AERONOMIE
FORSCHUNGSSTATION „JONATHAN ZENNECK"
TSUMEB, SOUTH WEST AFRICA

ZS 3 AW CONFIRMING QSO WITH AMATEUR RADIO: W9YT

MHZ		GMT	RST	2xSSB	2xCW
28	15.3.69		599	—	X

COLLINS S-LINE, DJ2BW-ELECTRONIC-KEYER
ANT: 3,5 MHz: VERTICAL λ/2 DIPOLE
7 MHz: RHOMBIC BEAMING DL
14-21-28 MHz: TH 4, 10 M ABOVE GROUND

OP: DIPL.-PHYS. JÜRGEN RÖTTGER
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To record ionospheric propagation paths the Max-Planck-Institut für Aeronomie, Institut für Ionosphären-Physik, is carrying out „oblique incidence measurements" on the path Lindau—Tsumeb.
Pulse transmitters and synchronous receivers on both sides of the path are used to obtain „oblique incidence ionograms". This QSL-card shows an example. The actual propagation paths due to (multiple) ionospheric reflection are recorded on the vertical axis, the frequency is plotted on the horizontal axis.

DJ 8 OT PRINT